

Order 12925



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4324-011

Job Sheet 189605



Part No: D4324-011

Job Qty: 1 pcs

Part Name: Armrest Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/28/19

Job Tracking No:

Due Date: 2/16/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG D4324 REV B SHEET 1 IPP Rev:A 14.04.24 NEW ISSUE DD verf:JLM

Ship Via:

007821

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	1 pcs	2/16/19		0.00	0.35	Small Fab - 1		
							Small Fab - 2		
							Small Fab - 3		DAS
							Small Fab - 4		36
							Small Fab - 5		9-89
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	1 pcs	2/16/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		DAS
							QC 5 - 9		68
							QC 5 - 50		9-89
							QC 5 - 30		
130	Packaging 1-1 - Pick Kit - B4B	1 pcs	2/16/19		0.00	0.00	Packaging 1 - 1 - B4B		
							Packaging 1 - 2 - B4B		
							Packaging 1 - 3 - B4B		
							Packaging 1 - 4 - B4B		
							Packaging 1 - 5 - B4B		

FEB 01 2019 68

FEB 04 2019

Plex 1/28/19 4:17 PM Dart.Macdonald.Dara



Container No: S149853

Part: D4324-011

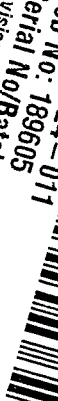
Job No: 189605

Revision: B

Inspector:

Exp Date:

Instructions: Various STC's



Dart Aerospace Ltd.
1270 Algonquin Street
Chatham, ON K6A 1K7
TEL.: 1 519 832-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/31/18

				Packaging 1 - 6 - B4B	
				Packaging 1 - 7 - B4B	
				Packaging 1 - 8 - B4B	
				Packaging 1 - 9 - B4B	
				Packaging 1 - 10 - B4B	
				Packaging 1 - 11 - B4B	
				Packaging 1 - 12 - B4B	
				Packaging 1 - 13 - B4B	
				Packaging 1 - 14 - B4B	
				Packaging 1 - 15 - B4B	
				Packaging 1 - 16 - B4B	
				Packaging 1 - 17 - B4B	
				Packaging 1 - 18 - B4B	
				Packaging 1 - 19 - B4B	
				Packaging 1 - 20 - B4B	
				Packaging 1 - 21 - B4B	
				Packaging 1 - 22 - B4B	
				Packaging 1 - 23 - B4B	
				Packaging 1 - 24 - B4B	
				Packaging 1 - 25 - B4B	
				Packaging 1 - 26 - B4B	
				Packaging 1 - 27 - B4B	
				Packaging 1 - 28 - B4B	
				Packaging 1 - 29 - B4B	
				Packaging 1 - 30 - B4B	
				Packaging 1 - 31 - B4B	
				Packaging 1 - 32 - B4B	
				Packaging 1 - 33 - B4B	
				Packaging 1 - 34 - B4B	
				Packaging 1 - 35 - B4B	
140	QC 4	1 pcs	2/16/19	0.00 0.00	QC 4 - 26
					QC 4 - 28
					QC 4 - 38
					QC 4 - 42
					QC 4 - 58
					QC 4 - 6
					QC 4 - 69
					QC 4 - 9
					QC 4 - 46
150	Packaging 3-1 - Stock - B4B	1 pcs	2/16/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B

FEB 04 2019
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9:59

FEB 04 2019
DAS
21
9:56

				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
160	QC 21 - SA	1 pcs	2/16/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70

DAS FEB 04 2019

21

4-55

Part Op 110 - (Small Fab)

Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)

130 - (Pick Kit)

140 - (QC4- 100% Inspect kits for completeness)

150 - (Identify as per dwg & Stock Location: _____)

160 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-4A	Bolt	1 Ea (1 ea)	110-Small Fab - 1	5112901
D4324-041	Armrest Assembly	1 pcs (1 ea)	110-Small Fab - 1	5050457
D4324-043	Arm Support Assembly	1 pcs (1 ea)	110-Small Fab - 1	5093211
D4324-045	Cushion Assembly	1 pcs (1 ea)	110-Small Fab - 1	5112901
MS51861-45C	Screw	4 Ea (4 ea)	110-Small Fab - 1	5095479
AN3-12A	Bolt	1 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	5112901
AN3-4A	Bolt	2 Ea (2 ea)	130-Packaging 1-1 - Pick Kit - B4B	5016887
MS21075L3	Nut Plate	3 Ea (3 ea)	130-Packaging 1-1 - Pick Kit - B4B	5134693
NAS1149F0332P	Washer	3 Ea (3 ea)	130-Packaging 1-1 - Pick Kit - B4B	5075330
NAS1149F0363P	Washer	1 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	

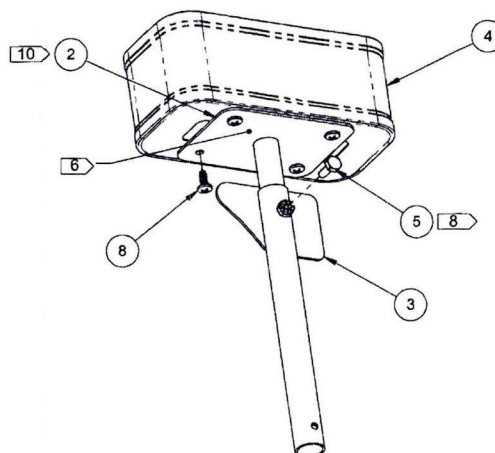
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	AN3-4A	1	105	0
	D4324-041	1	3	0
	D4324-043	1	1	0
	D4324-045	1	6	0
	MS51861-45C	4	46	0
130-Packaging 1-1 - Pick Kit - B4B	AN3-12A	1	134	0
	AN3-4A	2	105	0
	MS21075L3	3	725	0
	NAS1149F0332P	3	1,965	0
	NAS1149F0363P	1	474	0

Part Specifications

Specifications could not be found.

ITEM	QTY -011	P/N	DESCRIPTION
1	X	D4324-011	ARM REST ASSEMBLY
2	1	D4324-041	ARM REST WELDMENT
3	1	D4324-043	ARM SUPPORT ASSEMBLY
4	1	D4324-045	CUSHION ASSEMBLY
5	3	AN3-4A	BOLT
6	1	AN3-12A	BOLT
7	3	MS21075L3	NUT PLATE
8	4	MS51861-45C	SCREW
9	3	NAS1149F0332P	WASHER
10	1	NAS1149F0363P	WASHER



D4324-011 ARM REST ASSEMBLY
(REF. EAGLE DRAWING No. D2046902 P/N EA20469-16) 

NOTES:

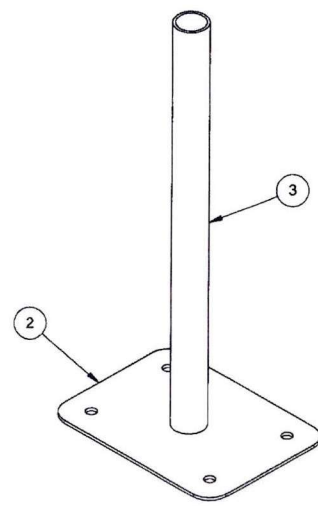
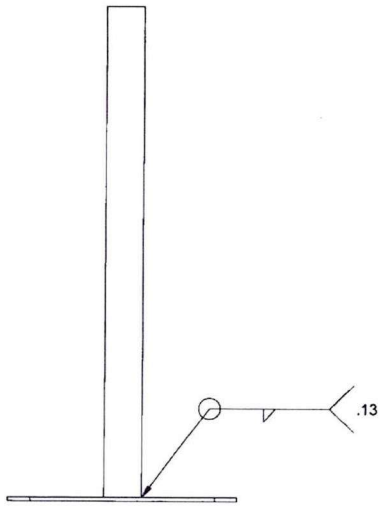
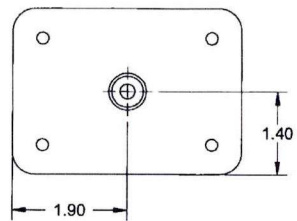
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.83 lbs
- 8) INSTALL HARDWARE HAND TIGHT ONLY
- 9) BAG LOOSE HARDWARE
- 10) CENTER D4324-041 ON D4324-045 AS SHOWN

RELEASED
2014-04-23

B	ADD D4324-011 (ZN B4-1) & D4324-045 (ZN B4-4); REVISE D4324-041 NAME (ZN B4-2, D4-2); ADD Ø0.204 HOLES (ZN D5-5) & Ø0.25 HOLE (ZN D4-5); 6.30 WAS 6.95 (ZN C5-7); REVISE IDENTIFICATION NOTES; REF PART3-319	RF	14.04.03
A	NEW ISSUE	RF	11.01.31
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DD	D4324	SHEET 1 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	ARM REST ASSEMBLY	NTS
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APPROVED

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4324-041	ARM REST WELDMENT
2	1	D4324-1	BASE PLATE
3	1	D4324-5	TUBE



D4324-041 ARM REST WELDMENT
(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16)

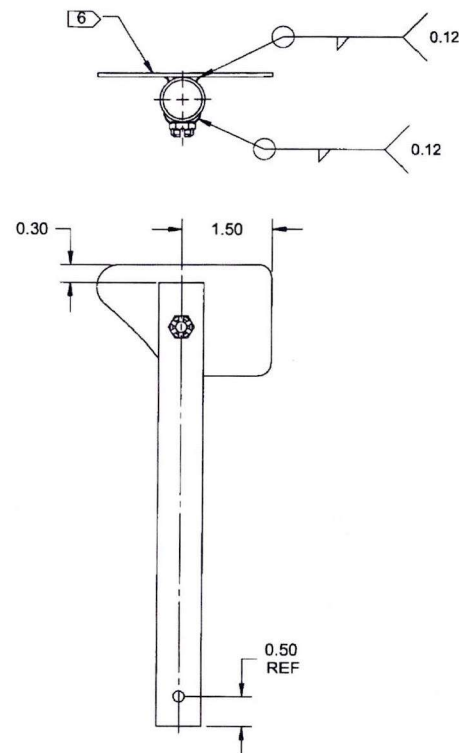
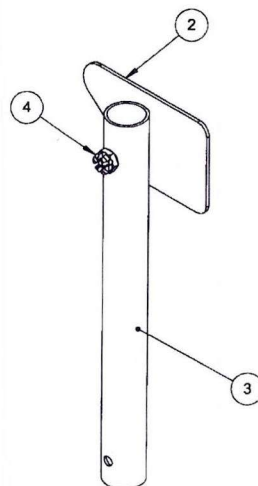
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2014-04-23

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.40 lbs
 - 8) WELD PER DART QSI 004

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MFG. APPR.	DD	D4324	SHEET 2 OF 7
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ITEM	QTY -043	P/N	DESCRIPTION
1	X	D4324-043	ARM SUPPORT ASSEMBLY
2	1	D4324-3	SUPPORT PLATE
3	1	D4324-7	TUBE
4	1	AN310C3	NUT, CASTELLATED



D4324-043 ARM SUPPORT ASSEMBLY
(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16) $\triangle$ B

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.32 lbs
- 8) WELD PER DART QSI 004

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CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DD	D4324	SHEET 3 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	ARM REST ASSEMBLY	NTS
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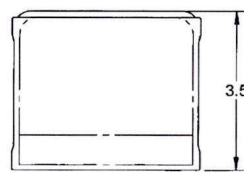
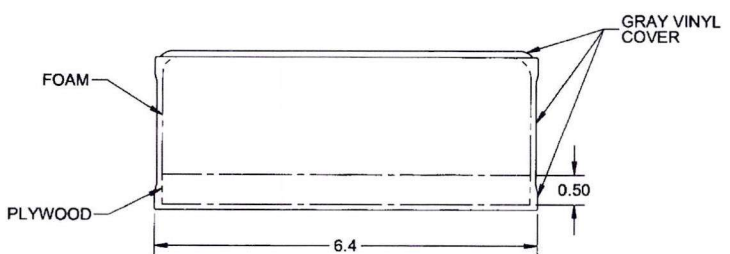
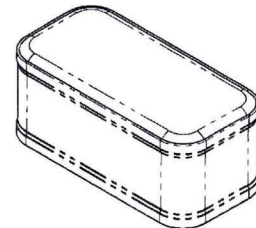
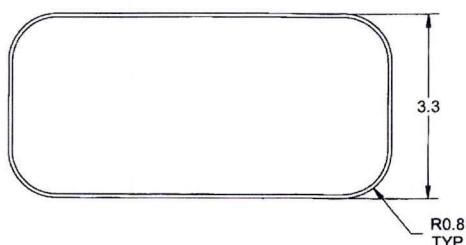
8 7 6 5 4 3 2 1

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D4324-045 CUSHION ASSEMBLY
(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16)

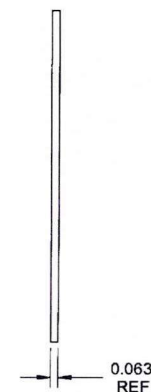
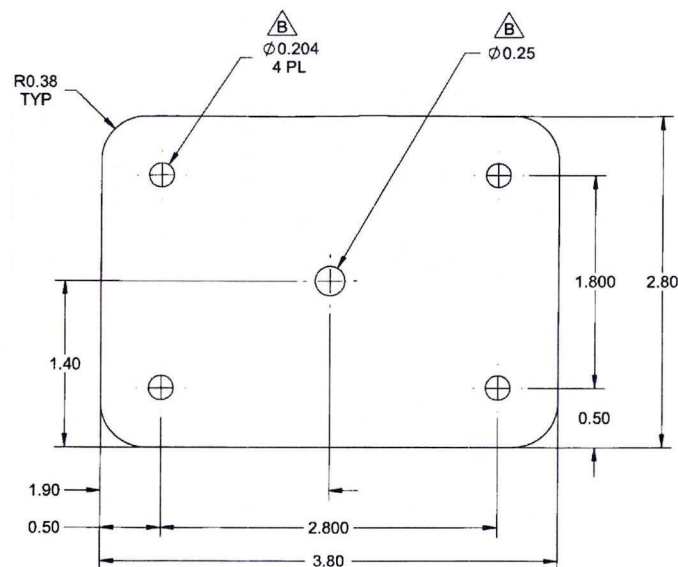
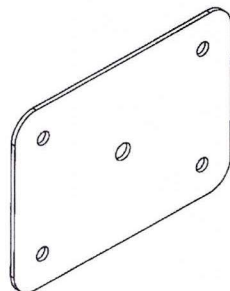
RELEASED
2014-04-23
WD

- NOTES:**
1) MATERIAL: AS SHOWN
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.34 lbs

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DD	D4324	SHEET 4 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	ARM REST ASSEMBLY	NTS
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8 7 6 5 4 3 2 1



D4324-1 BASE PLATE
(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16) B

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 0.063 (16 GAUGE) THICK
ANNEALED
2B FINISH
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
REF DART SPEC. M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.19 lbs

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WD

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MFG. APPR.	DD	D4324	SHEET 5 OF 7
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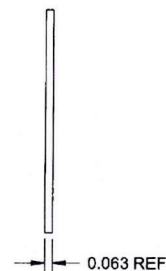
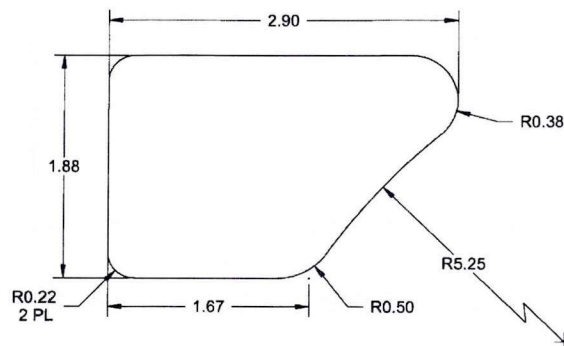
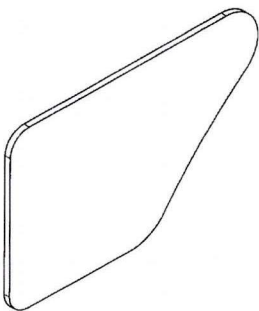
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D4324-3 SUPPORT PLATE
(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16) 

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 0.063 (16 GAUGE) THICK
ANNEALED
2B FINISH
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
REF DART SPEC. M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.08 lbs

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2014-04-23
WDP

RELEASED
2014-04-23

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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DD	D4324	SHEET 6 OF 7
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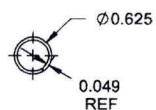
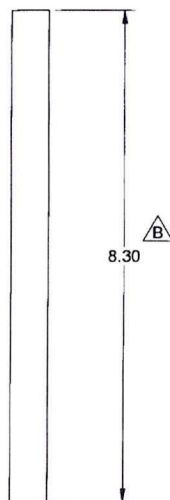
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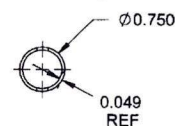
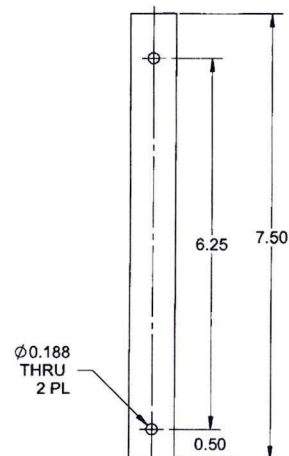


D4324-5 TUBE



D4324-5 TUBE

(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16) **B**



D4324-7 TUBE

(REF. EAGLE DRAWING No. D2046902, PART OF P/N EA20469-16) **B**



D4324-7 TUBE

D

C

B

A

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ROUND TUBING
PER ASTM A213 OR ASME SA213 OR ASTM A269
REF DART SPEC. M304TR0.625W.049 & M304TR0.75W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D4324-5 = 0.21 lbs
D4324-7 = 0.23 lbs

B

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5

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3

2

1

RELEASED
2014-04-23

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.	DD	D4324	SHEET 7 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	ARM REST ASSEMBLY	NTS
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					